

Patent Claims

1. A plate conveyor having identical plates that are supported by a sprocket chain and that in the conveying direction of the plate conveyor have their bases, as well as vertically extending side edges thereof, reciprocally overlap, whereby the sprocket chain is composed of two chain strands that are disposed parallel to one another and are each formed by a sequence of inner link members and outer link members, wherein facing ones of the inner link members and outer link members are connected by respective common link pins that extends through associated openings of the link members, and wherein the plates of the plate conveyor are secured to the successive inner link members and outer link members of at least one of the two chain strands, characterized in that for the manufacture of an endless conveying strand by connecting the terminal link segments (30, 32) of at least two preassembled of the plate conveyor, the first terminal link segment (30) of the portion is comprised of two parallel, outwardly projecting inner link members (31) with the plate (15) secured thereon, and the second terminal link segment (32) that is connected thereto is

5 formed by a preassembled terminal outer link member (33) that
is connected at one end with the link pin (13) of the second
terminal link segment (32), projects outwardly on one side of the
second terminal link segment (32), and has the associated plate
10 (15), and that a chain link member that is disposed across from
the terminal outer link member (33) is embodied as an outer
closure link member (20), one end of which can be placed on
the link pin (13) of the second terminal link segment (32) that
carries the terminal outer link member (33), and with a link
15 member (21) that is preassembled on its other end extends
through both of the outwardly projecting inner link members (31)
of the first terminal link segment (30) as well as the end of the
outwardly projecting terminal outer link member (33) of the
second terminal link segment (32).

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2. Plate Conveyor according to claim 1, characterized in that the
successive inner link members (11) and outer link members (12)
of only one chain strand (10) are provided with a respective
bracket (14) for the connection of an associated plate (15).

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3. Plate conveyor according to claim 1, characterized in that the
inner link members (11) and the outer link members (12) of both

of the chain strands (10) that form the sprocket chain are provided with brackets (14) for the connection of the associated plate (15).